

Serial No.: 09/554,860  
Group Art Unit No.: 1644

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A recombinant mutant pro-DerP1 allergen from *Dermatophagoides pteronyssinus* wherein said mutant allergen ~~has reduced enzymatic activity compared to the wild-type allergen~~ comprises an alanine substitution of the Cys132 residue of pro-DerP1.

2-11. (Cancelled)

12. (Currently Amended) A recombinant mutant pro-DerP1 allergen from *Dermatophagoides pteronyssinus* ~~having the consisting of sequence as set out in SEQ ID NO.~~  
1.

13-17. (Cancelled)

18. (Currently Amended) A vaccine comprising a recombinant mutant pro-DerP1 allergen as claimed in any one of claims 1 ~~or 12 to 17~~, and an adjuvant.

19. (Original) A vaccine as claimed in claim 18, wherein the adjuvant is a preferential stimulator of Th1-type immune responses.

20. (Currently Amended) A vaccine as claimed in claim 18, wherein the adjuvant comprises ~~one or both~~ at least one selected from the group of QS21 and 3-O-deacylated monophosphoryl lipid A.

21-22. (Cancelled)